-4- (WPAT)
AN - 97-219854/20
XRPX- N97-181830
TI - Automatic scene detection method for selecting video highlights from movie, news, sports clippings - detects presence of video special effect such as dissolve in clipping by comparing moving image with buffered frame and thereby finds beginning of highlight sequence marked by this special effect
DC - T01 W04
PA - (HITA ) HITACHI LTD
PR - 95.08.18 95JP-210409
NUM - 1 patent(s) 1 country(s)
PN -- JP09065287 A 97.03.07 * (9720) 11p H04N-005/93
AP -- 95JP-210409 95.08.18
IC1 - H04N-005/93
IC2 - G06T-013/00 H04N-005/268
AB - JP09065287 A
The method involves processing the moving image in a processing equipment in specific frame time intervals. Other frames are also buffered in the processing equipment. The buffered frames are compared with the moving image frames to detect special image effects such as a dissolve where one frame fades into another. Various other states of an image such a as a change of cut or display of subtitles is also detected. These special effects are included in the original video to mark out highlight sequences or selected sequences.

When a special effect is detected, the video area from that frame for a constant number of frames based on a constant time factor or from that frame till another special effect is detected is extracted. Therefore, the selected portions of the video such as highlight sequences are automatically detected and extracted.

ADVANTAGE - Detects accurately required scene during broadcast. Processes at high speed as judgment is based on simple image or its variation and its combination of audio. (Dwg.6/8)
FN - WPH4PN21.GIF

SS 21?
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SS 21 RESULT (4)

SS 22?
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